

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

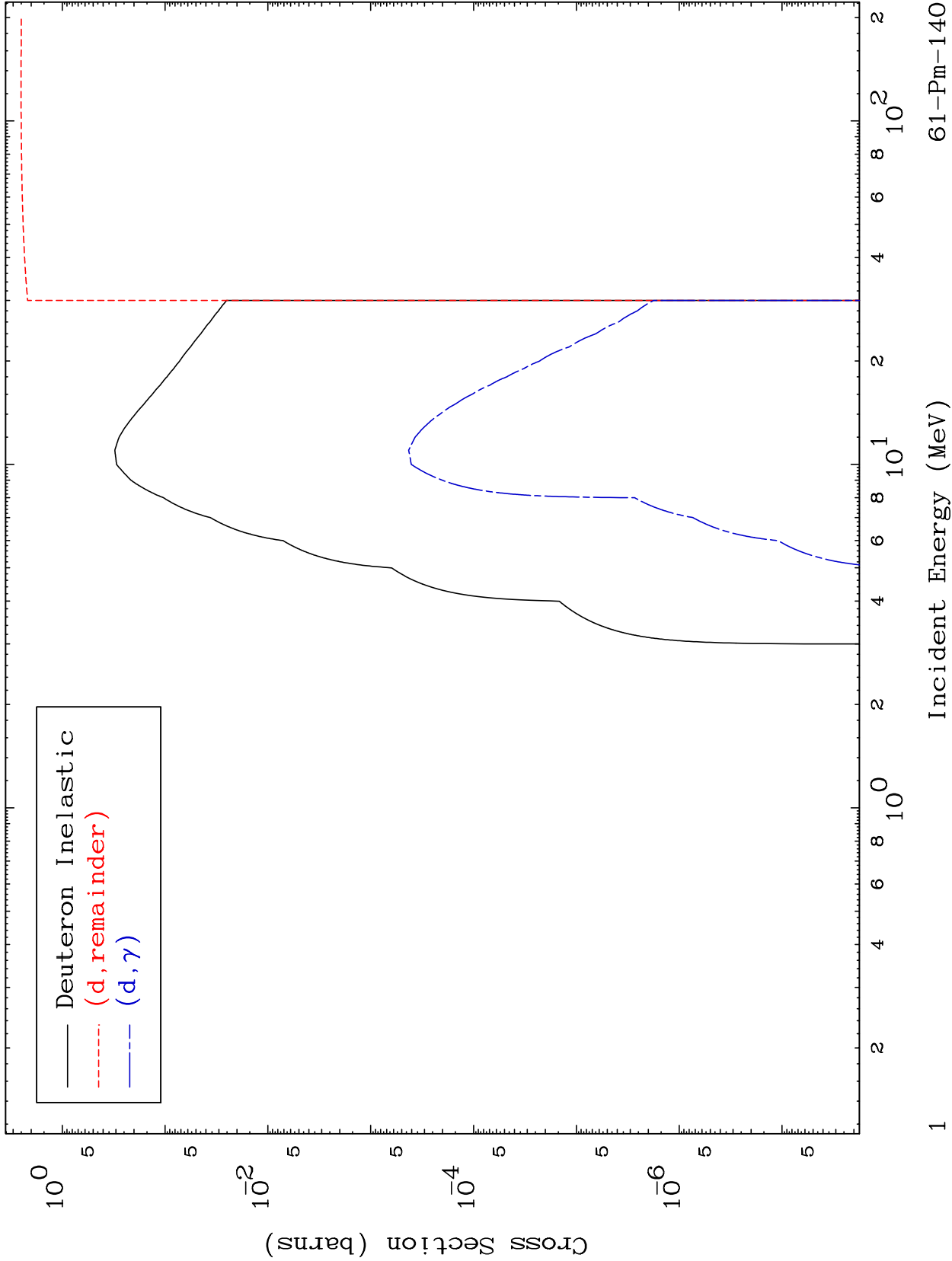
Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

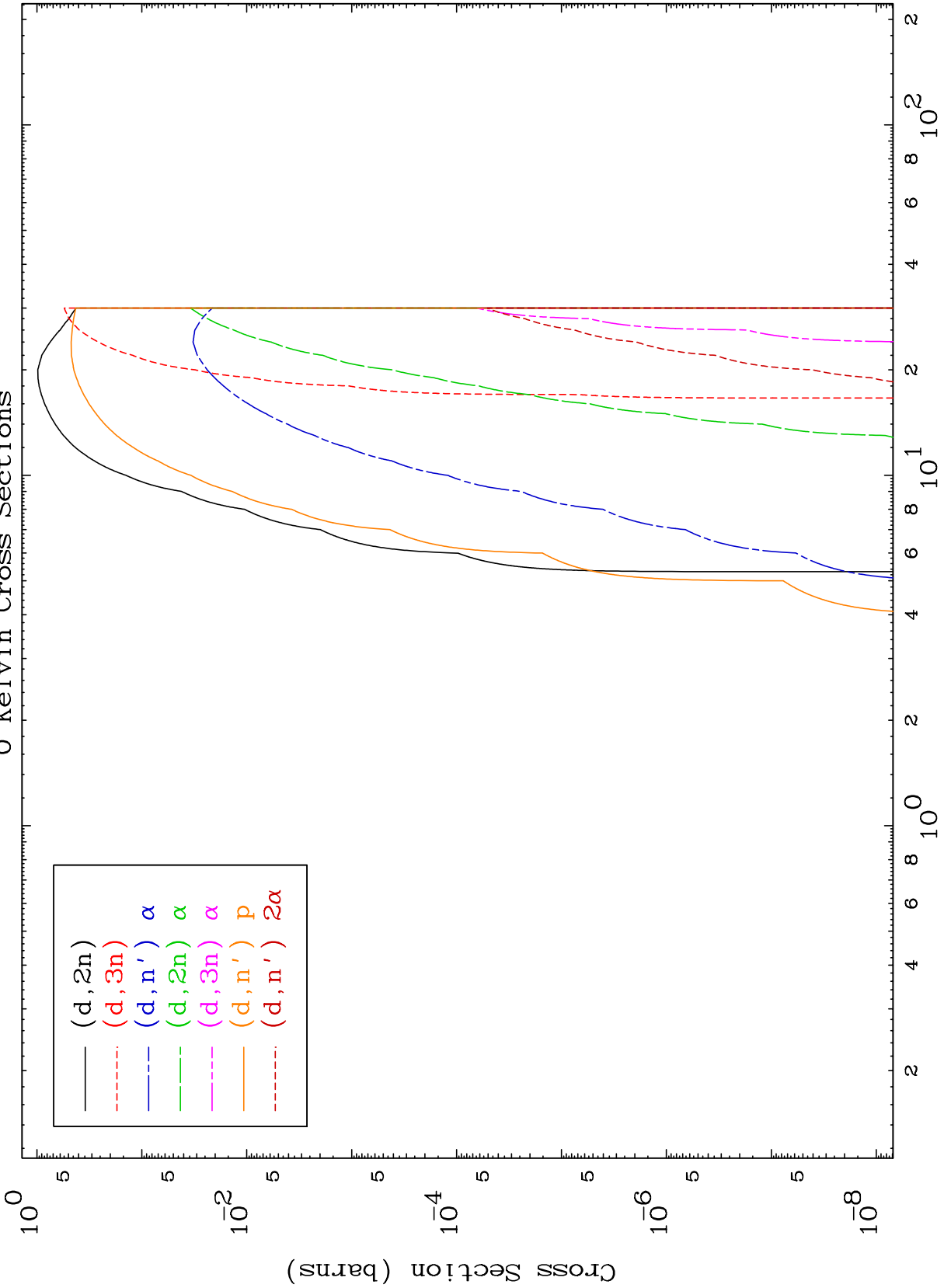
Tele: 925-443-1911

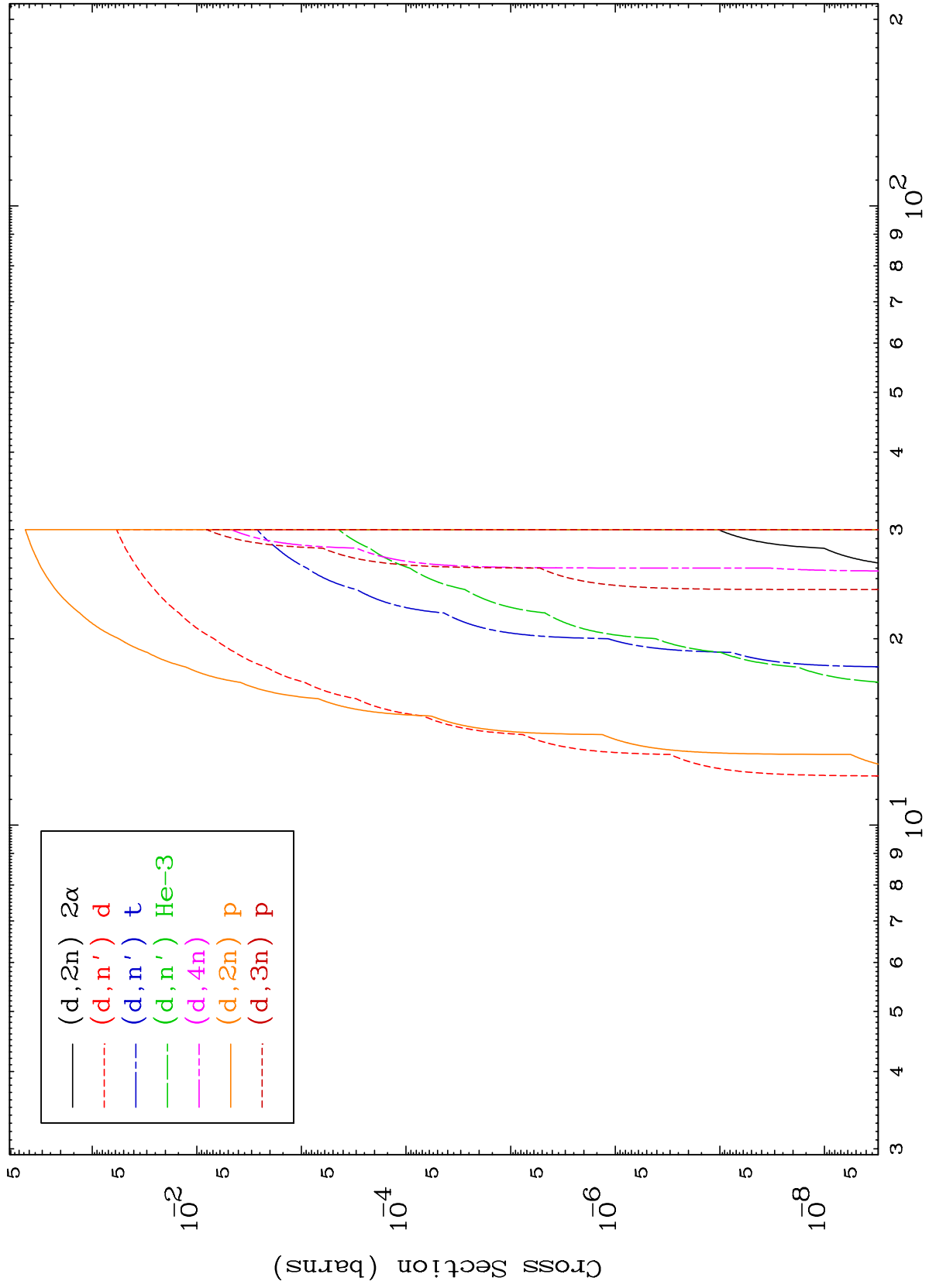
E.Mail:redcullen1@comcast.net

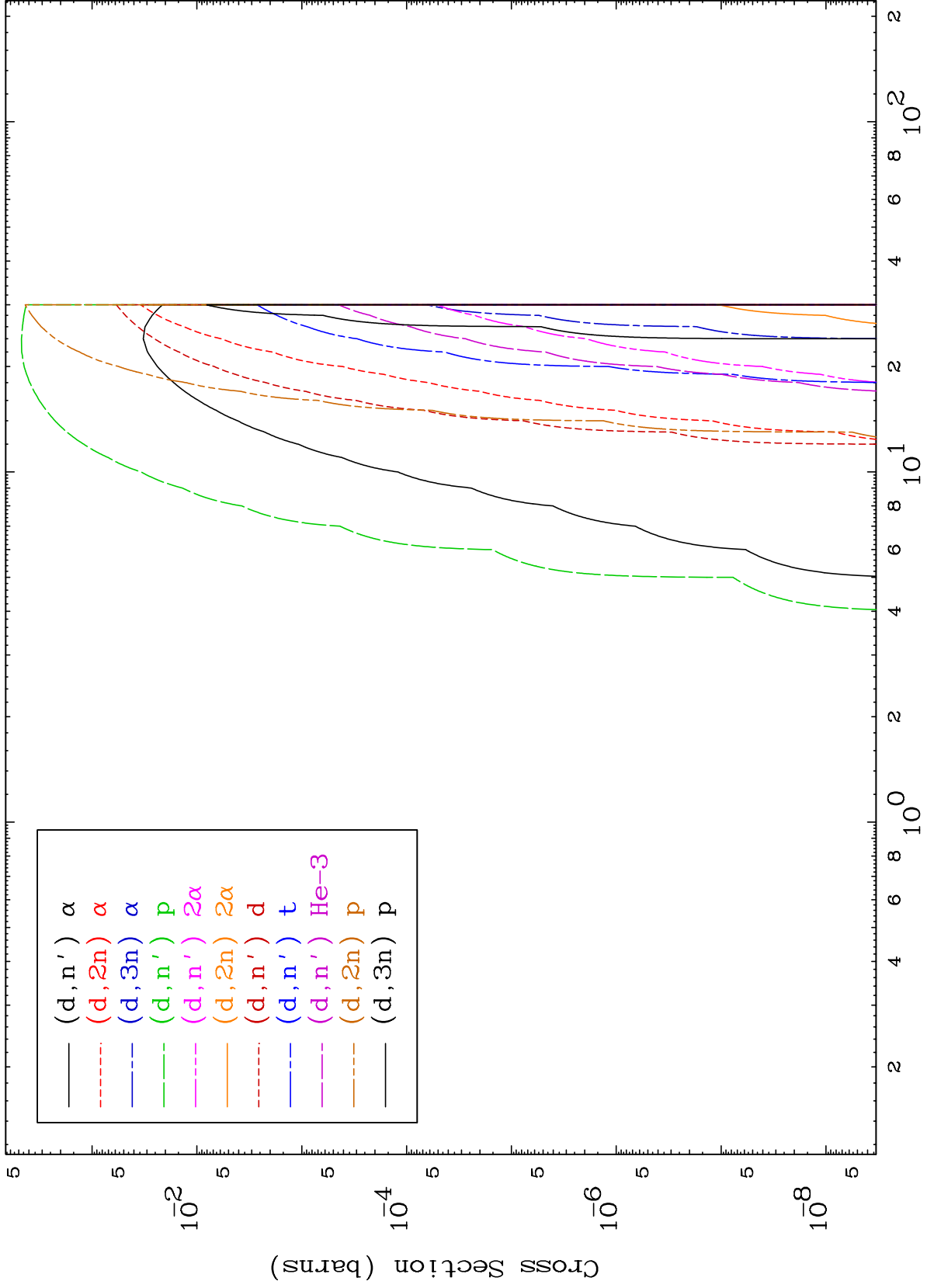
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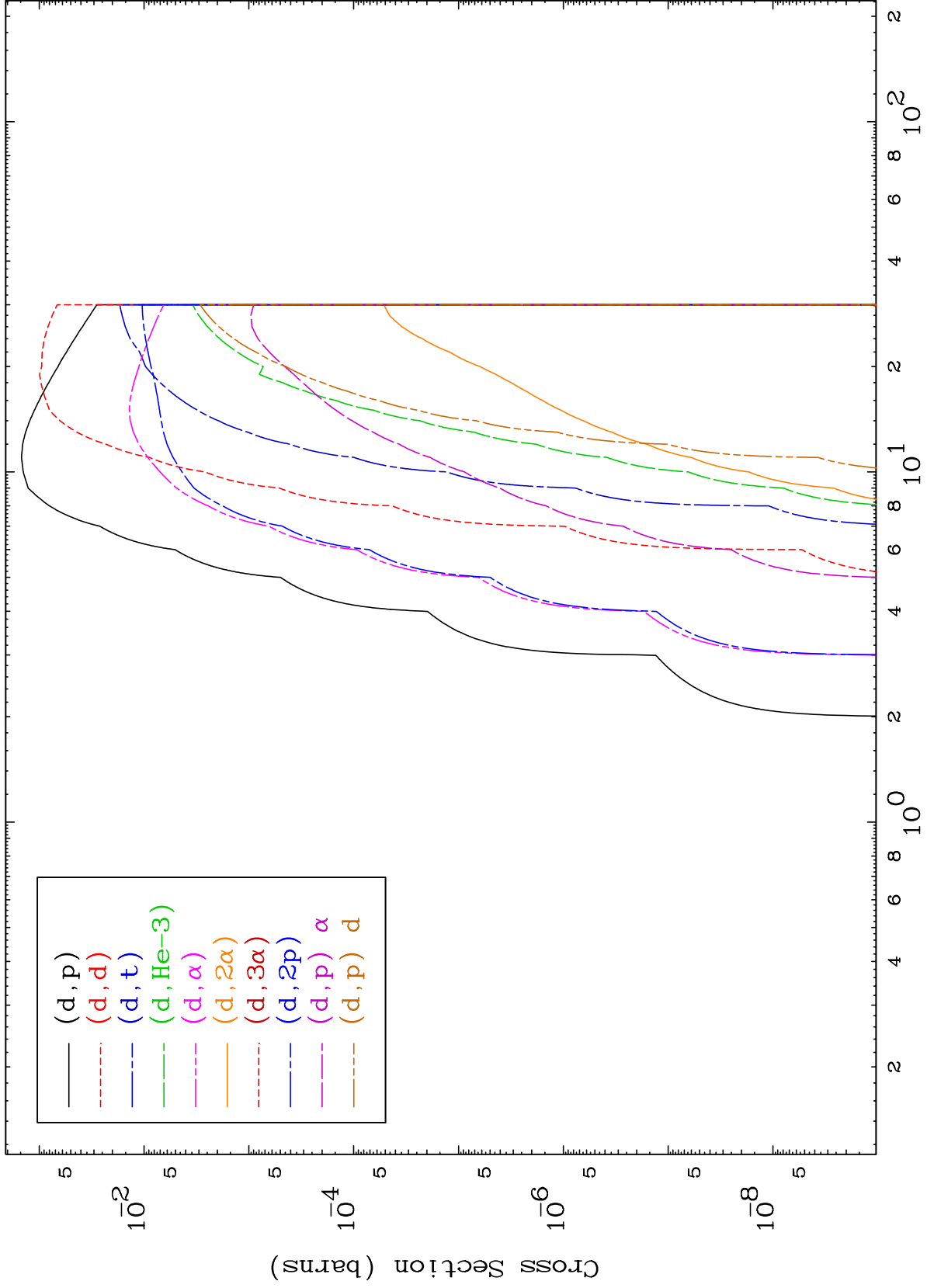
Press Mouse Button to Start









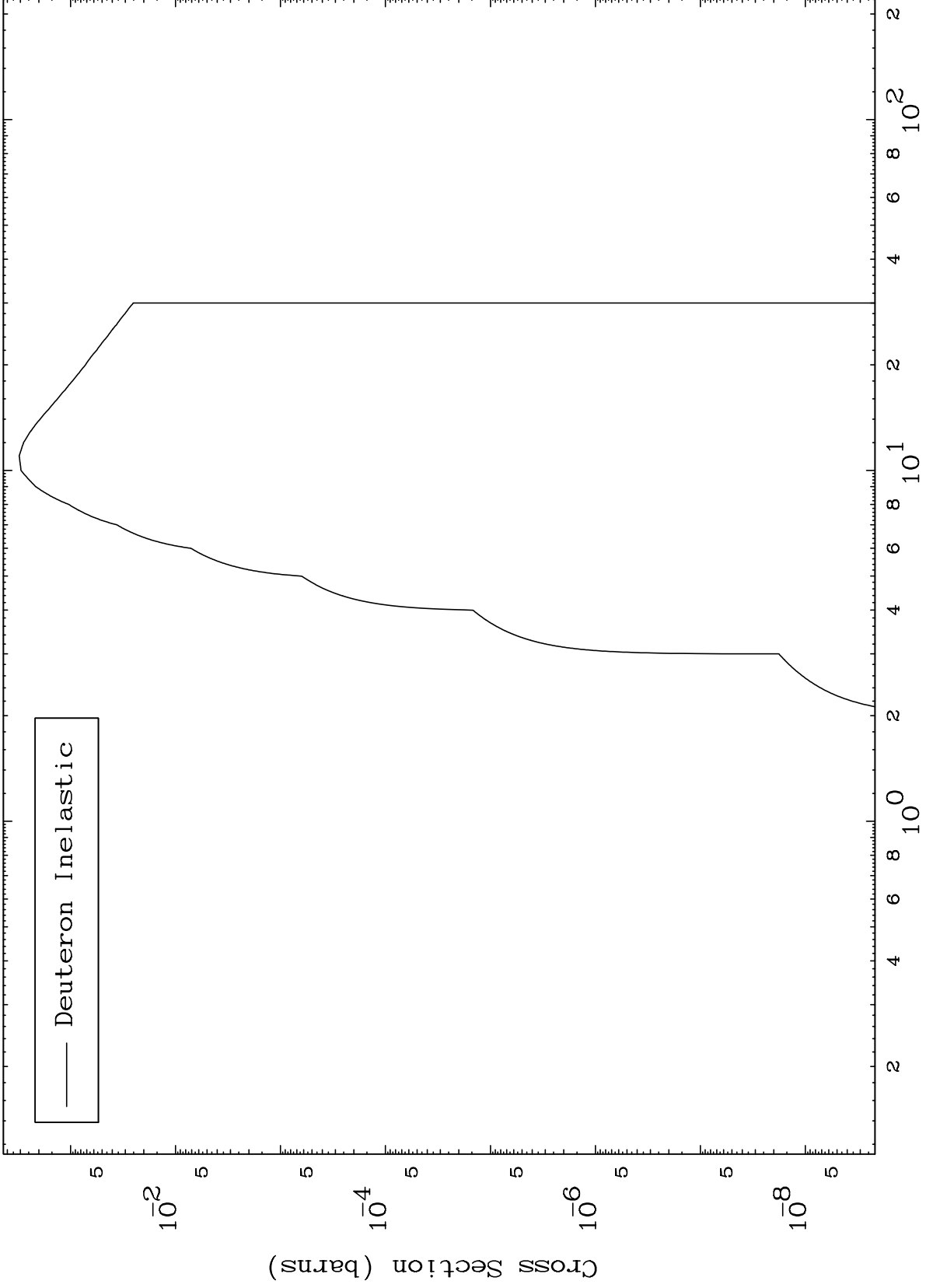


MAT 6129

(d,n') Level

61-Pm-140

0 Kelvin Cross Sections

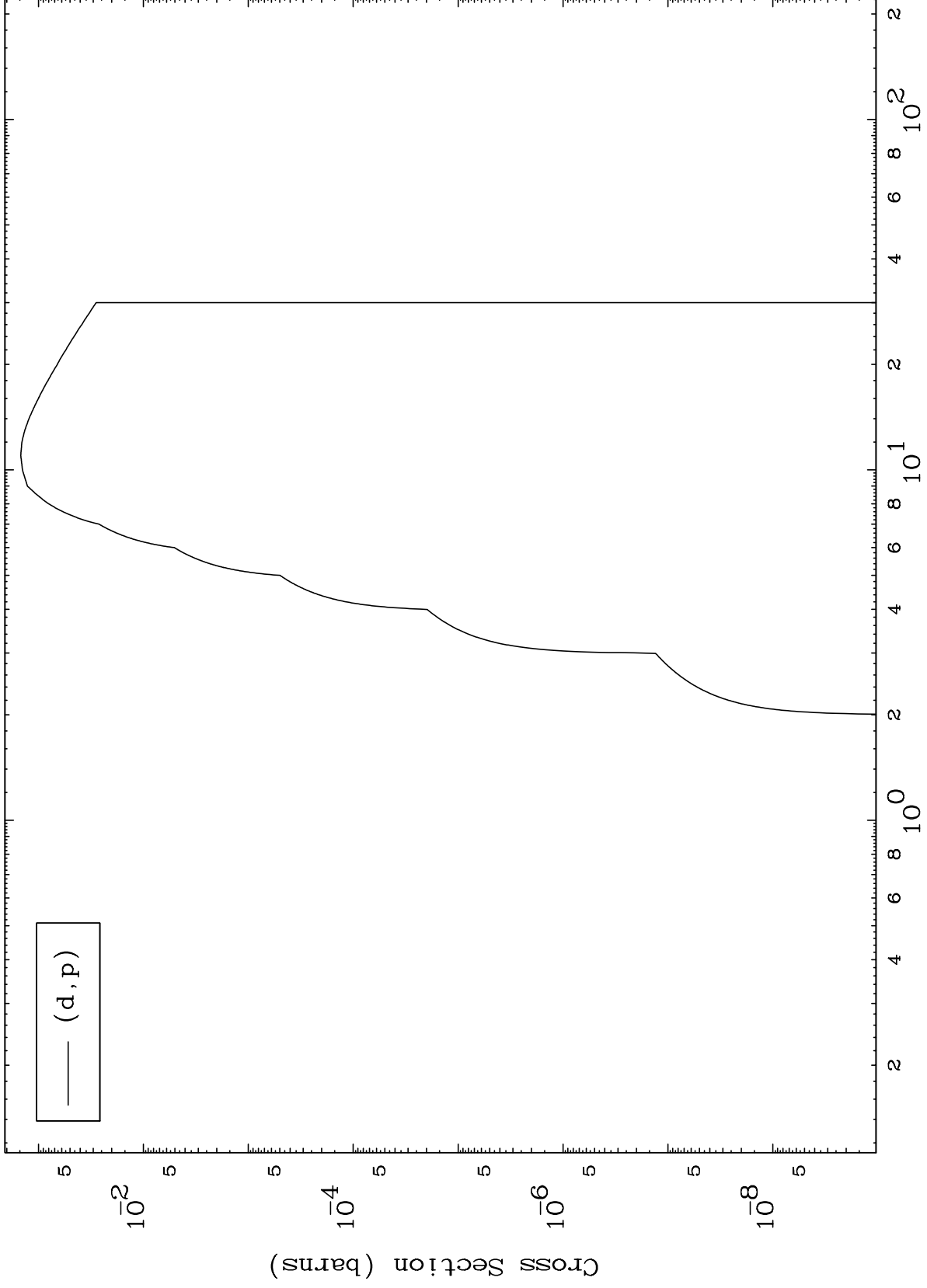


— Deuteron Inelastic

MAT 6129

(d,p) Levels  
0 Kelvin Cross Sections

61-Pm-140



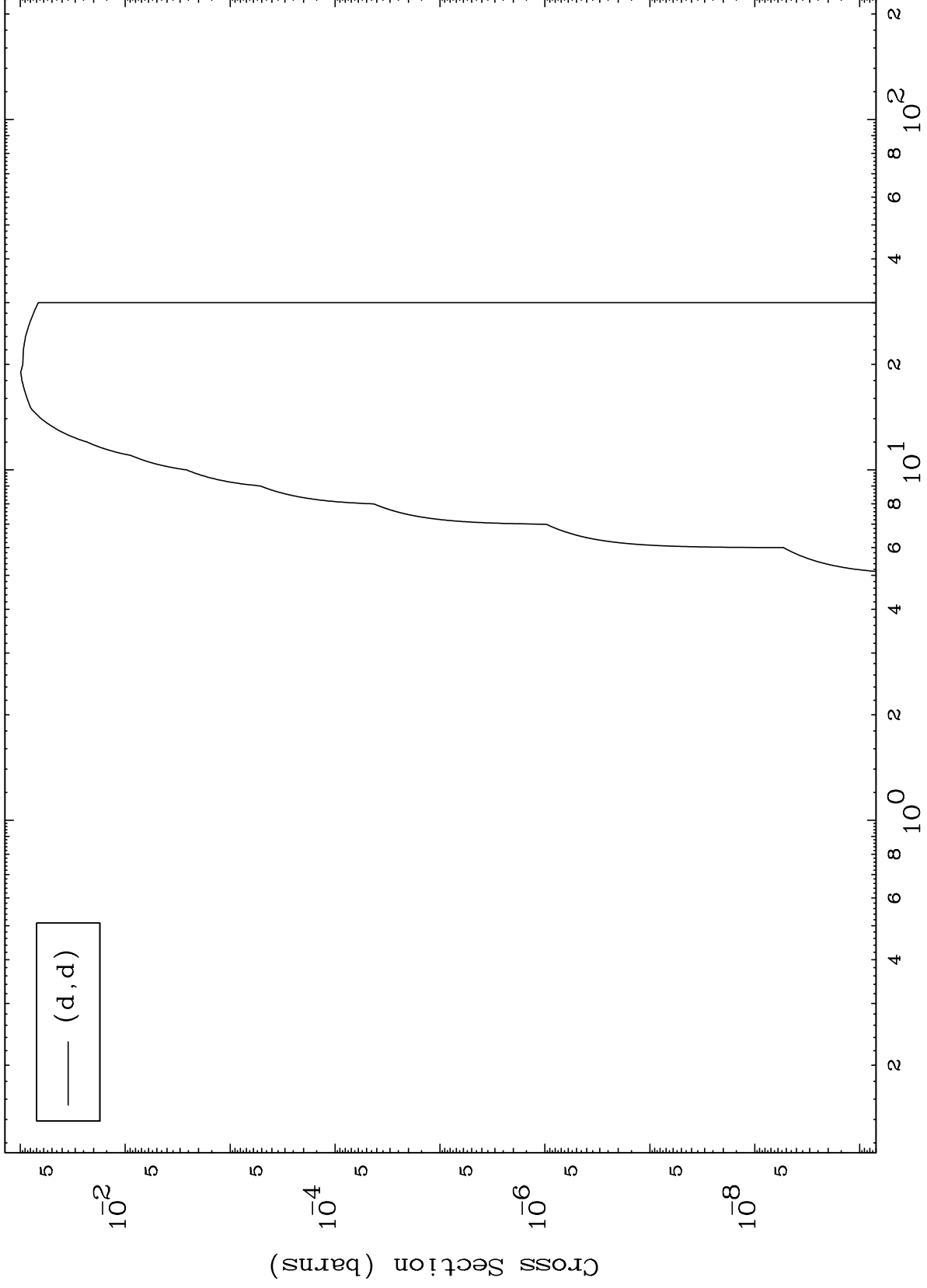


MAT 6129

(d,d) Levels

61-Pm-140

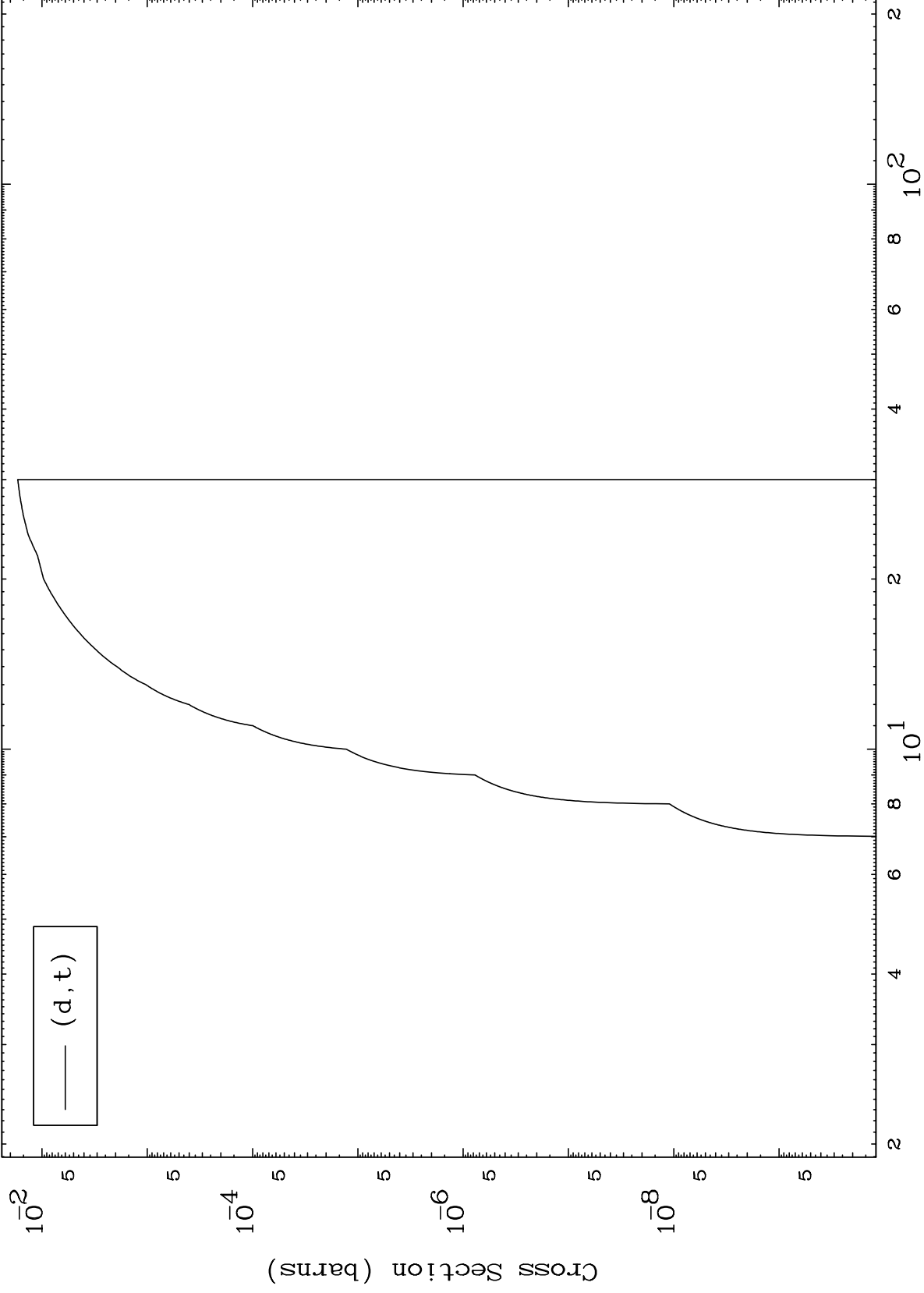
0 Kelvin Cross Sections



MAT 6129

(d, t) Levels  
0 Kelvin Cross Sections

61-Pm-140



9

Incident Energy (MeV)

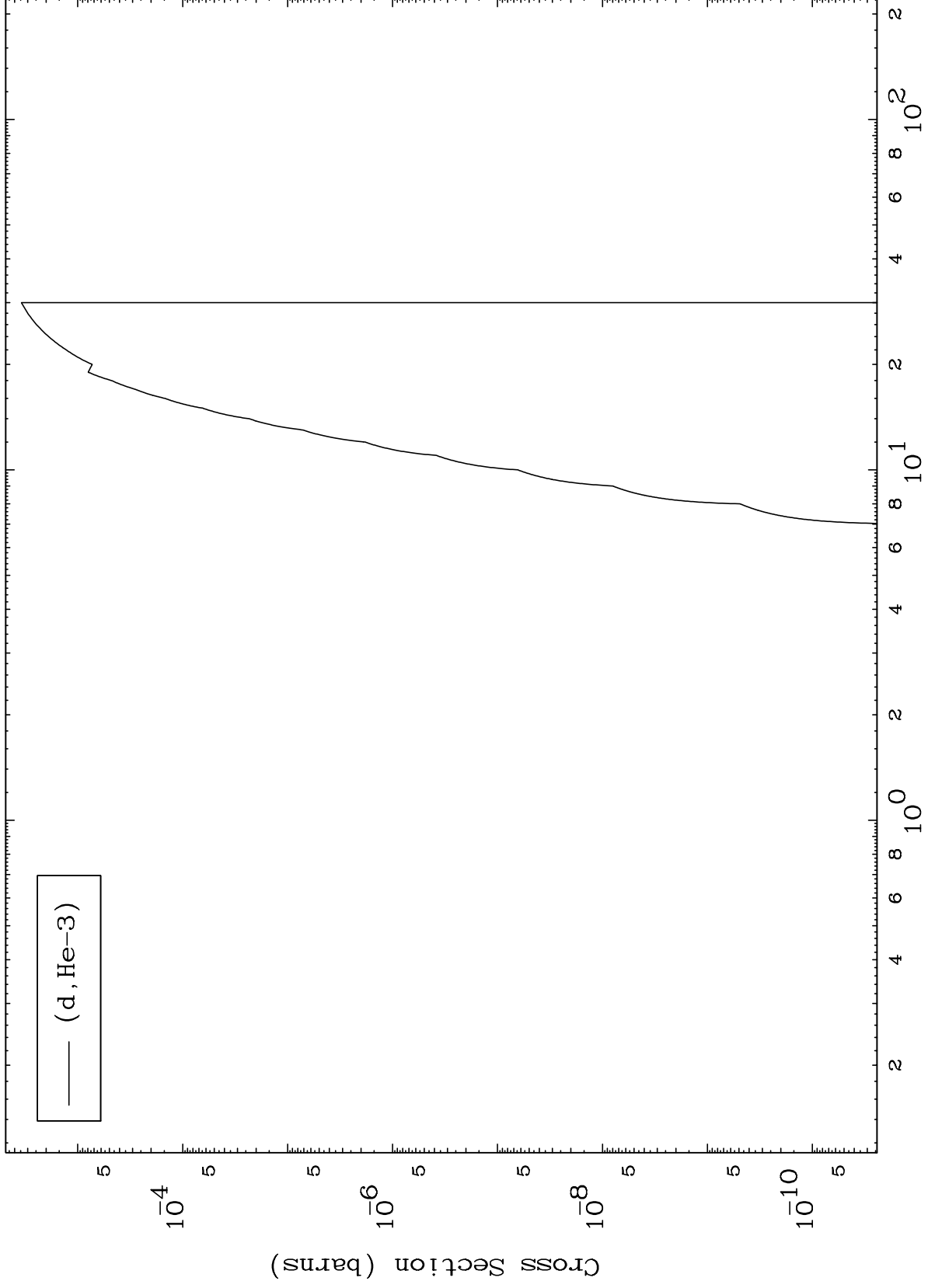
61-Pm-140

MAT 6129

(d,He3) Levels

61-Pm-140

0 Kelvin Cross Sections



10

Incident Energy (MeV)

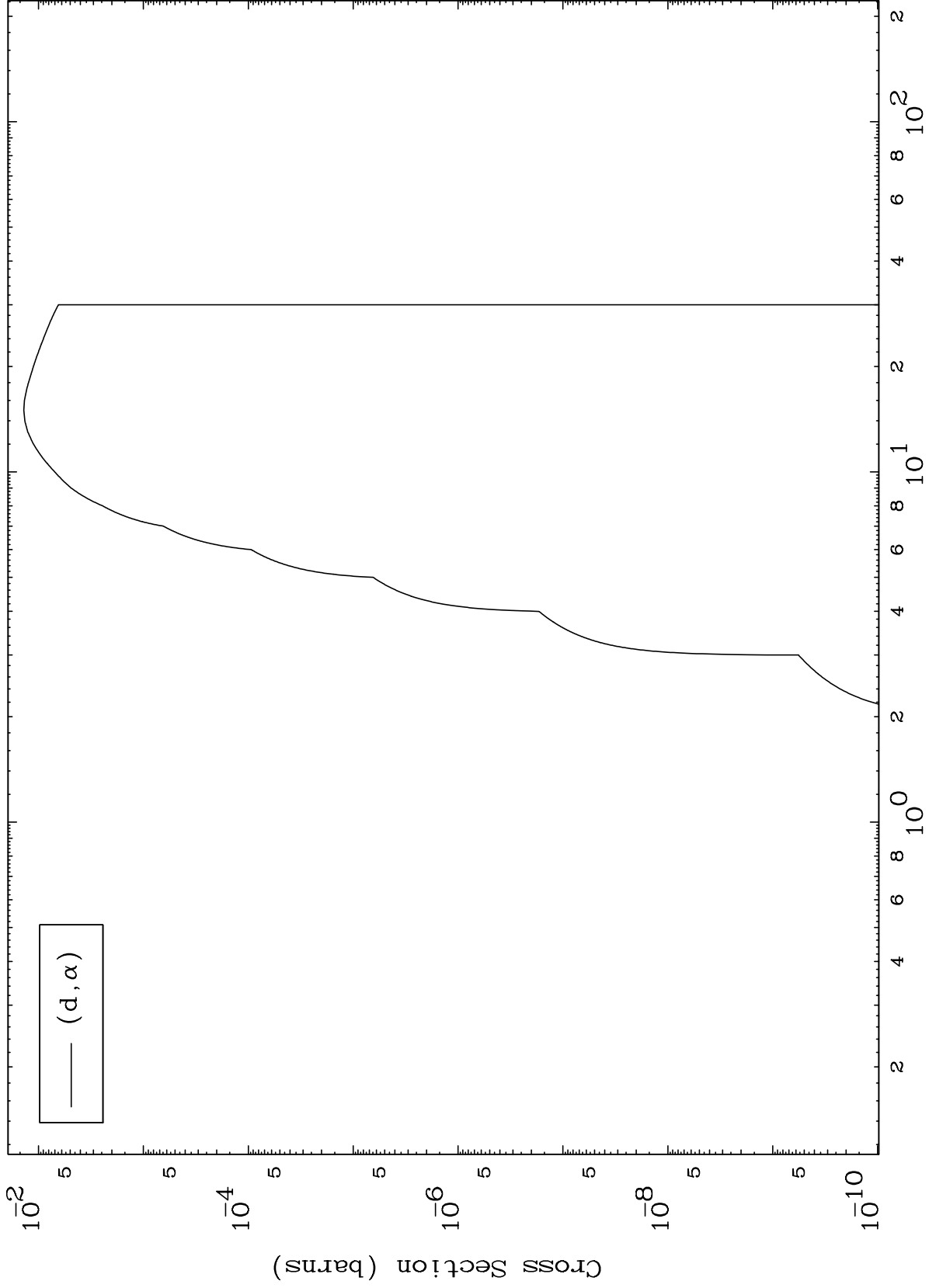
61-Pm-140

MAT 6129

(d,  $\alpha$ ) Levels

61-Pm-140

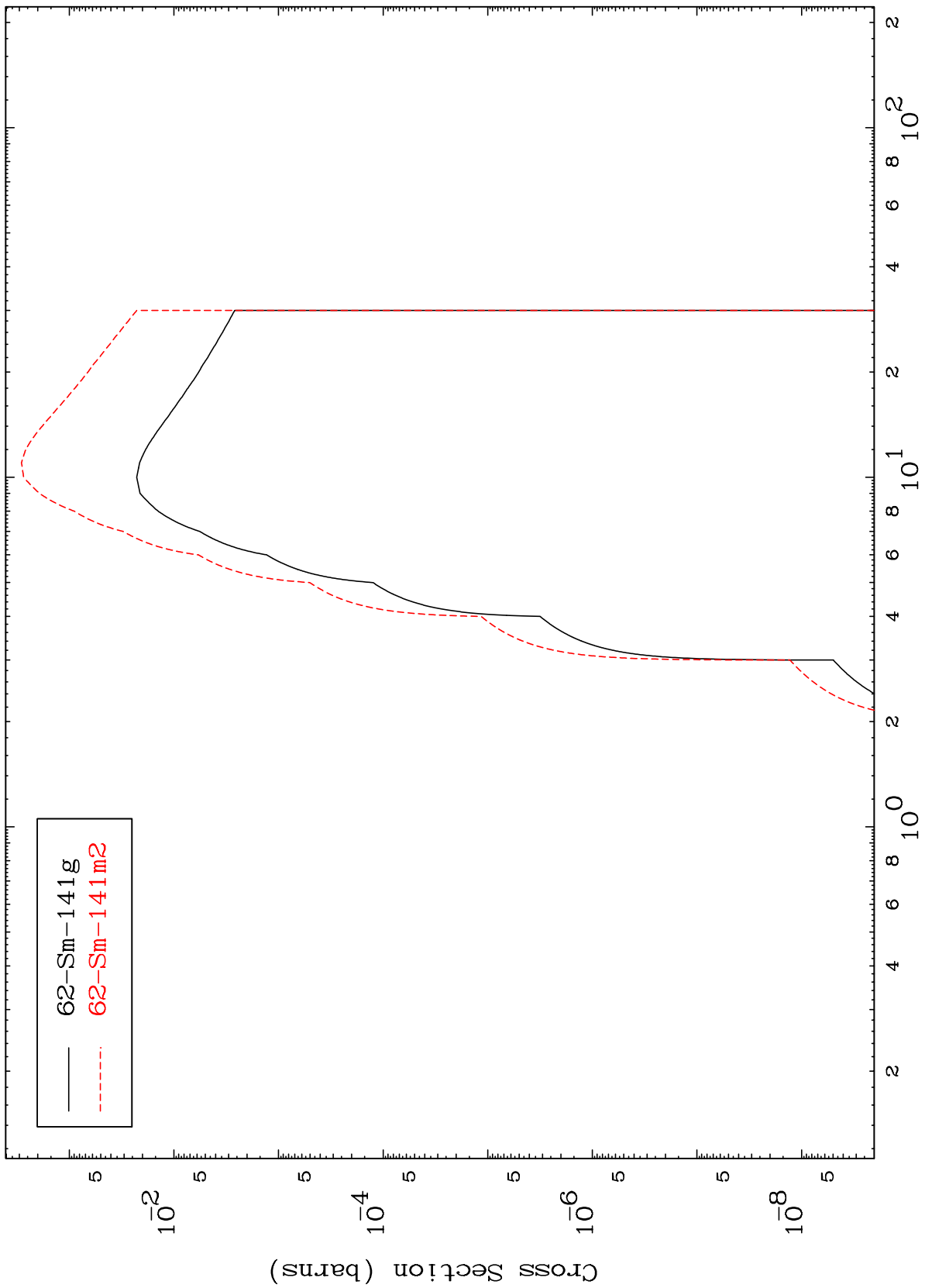
0 Kelvin Cross Sections



MAT 6129

61-Pm-140

Deuteron Inelastic  
Radionuclide Production Cross Section

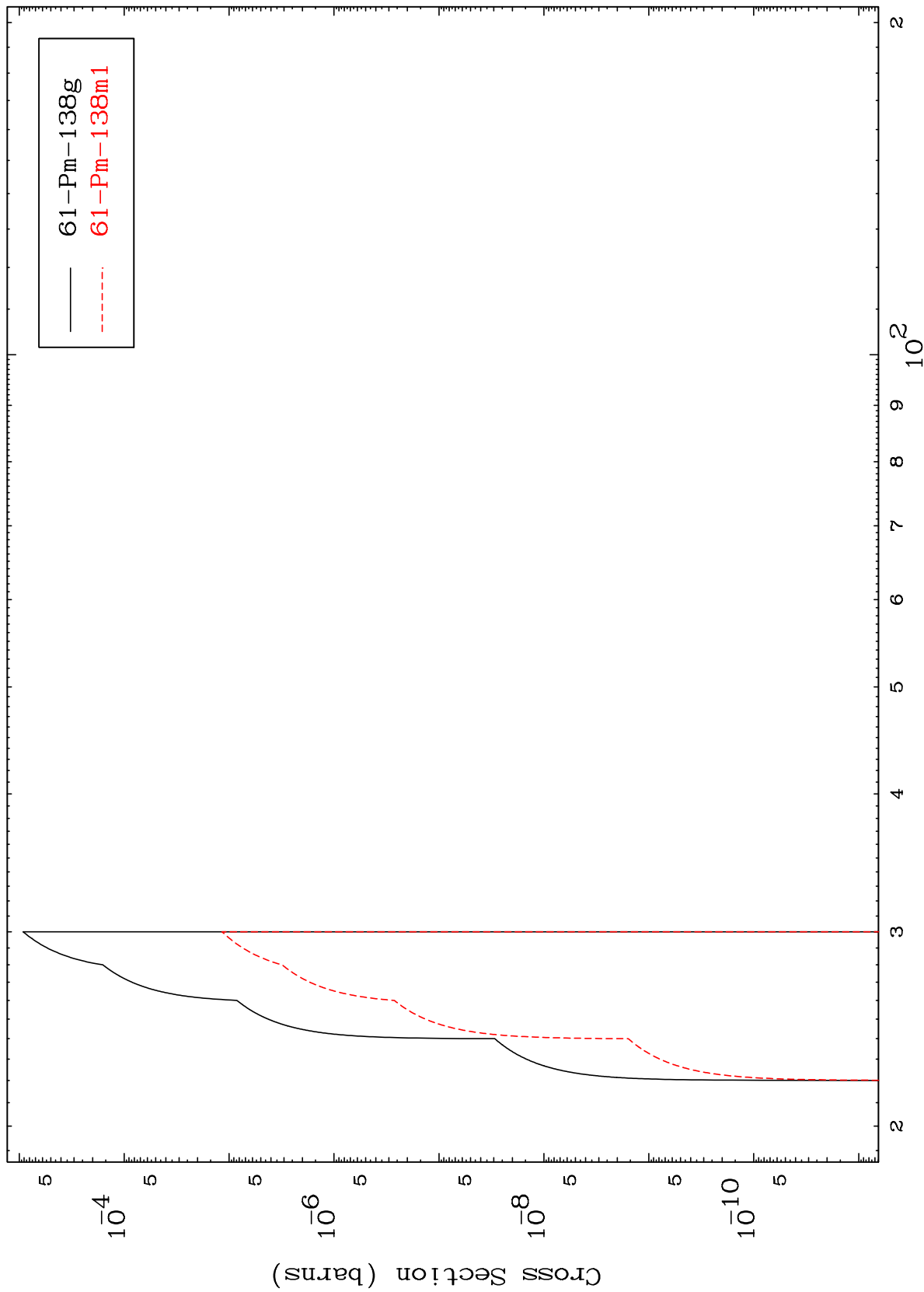


MAT 6129

(d,2n) d

61-Pm-140

Radionuclide Production Cross Section



13

Incident Energy (MeV)

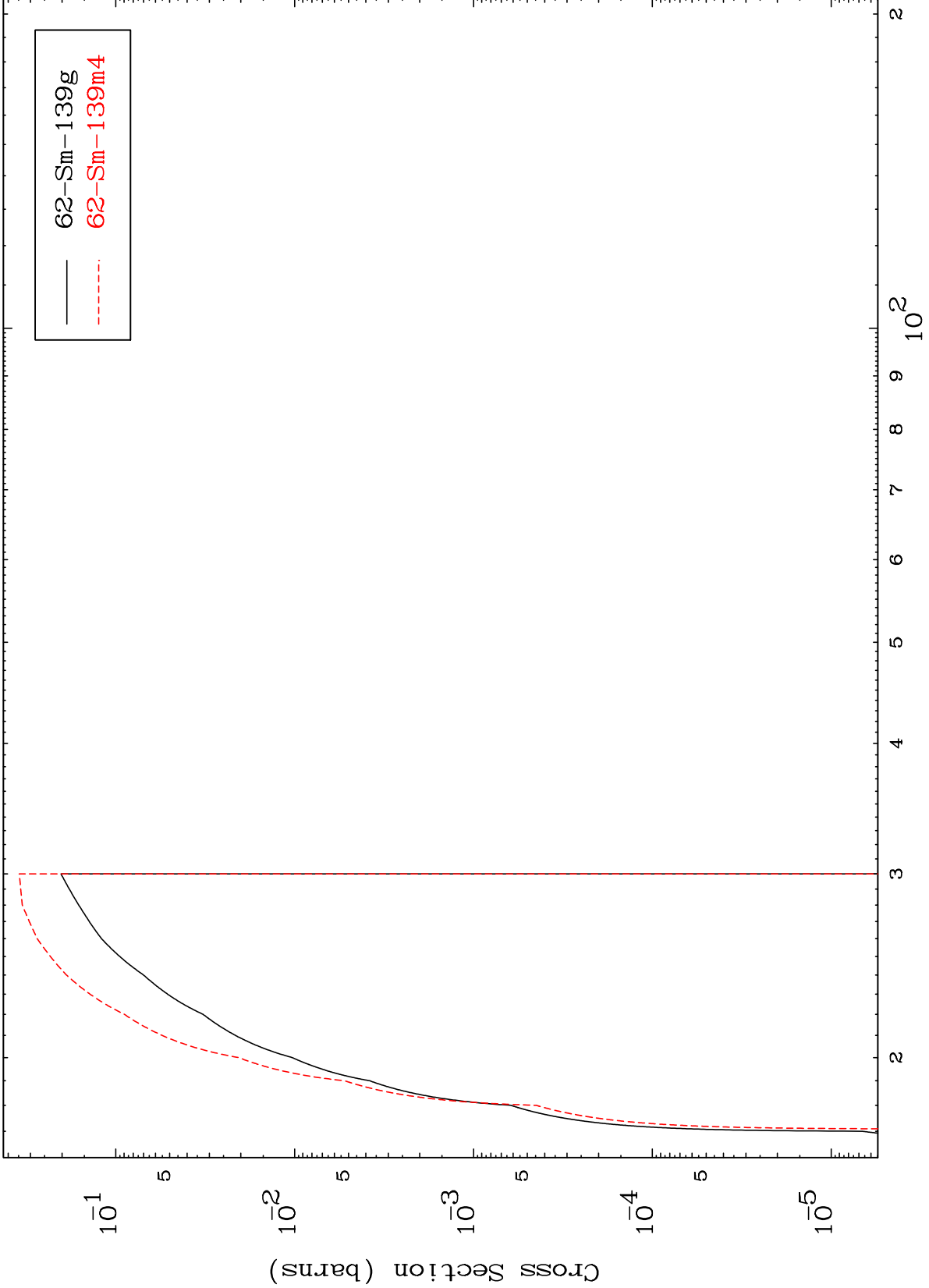
61-Pm-140

MAT 6129

(d,3n)

61-Pm-140

Radionuclide Production Cross Section



62-Sm-139g  
62-Sm-139m4

14

Incident Energy (MeV)

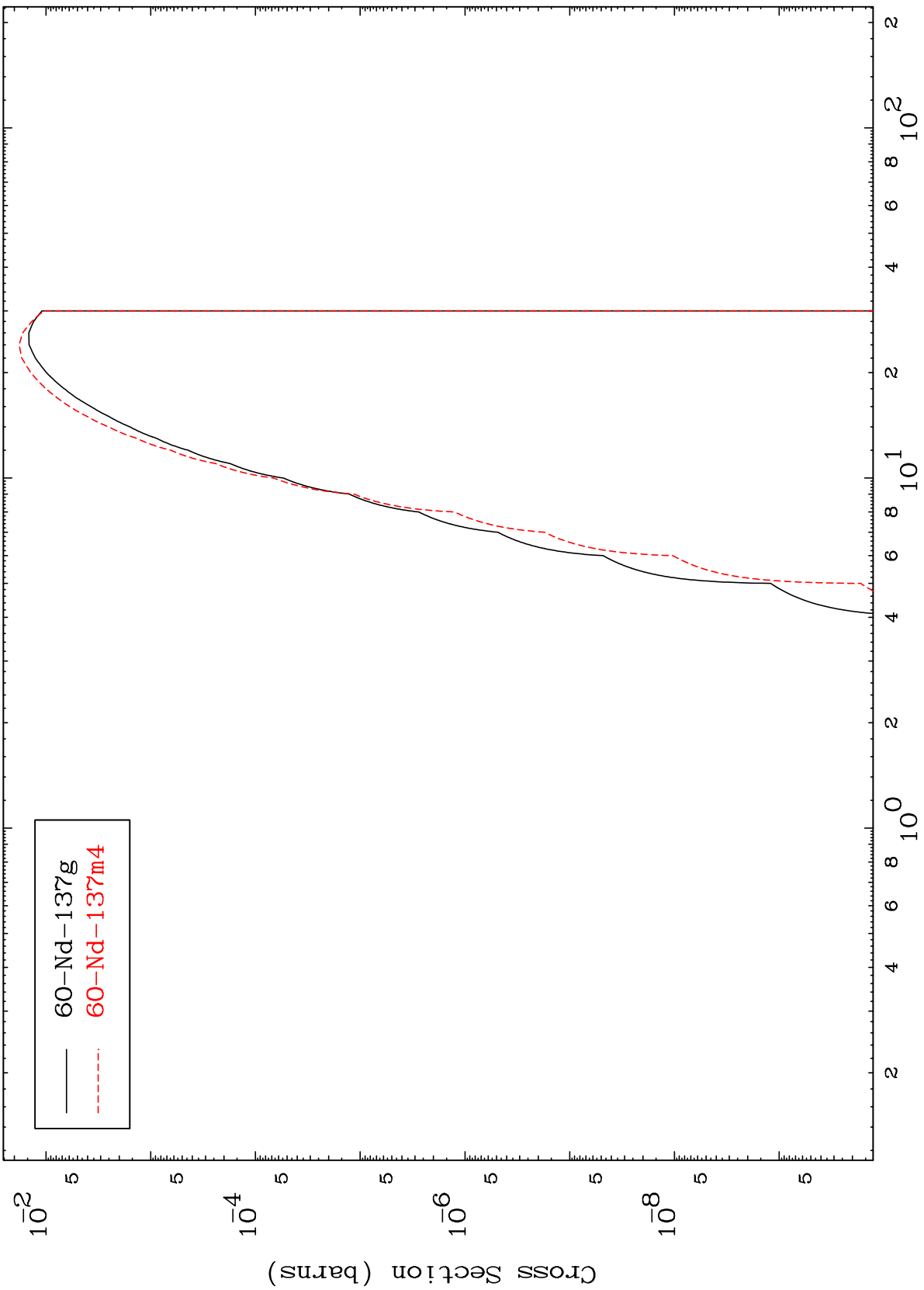
61-Pm-140

MAT 6129

(d,n')  $\alpha$

61-Pm-140

Radionuclide Production Cross Section



60-Nd-137g  
60-Nd-137m4

15

Incident Energy (MeV)

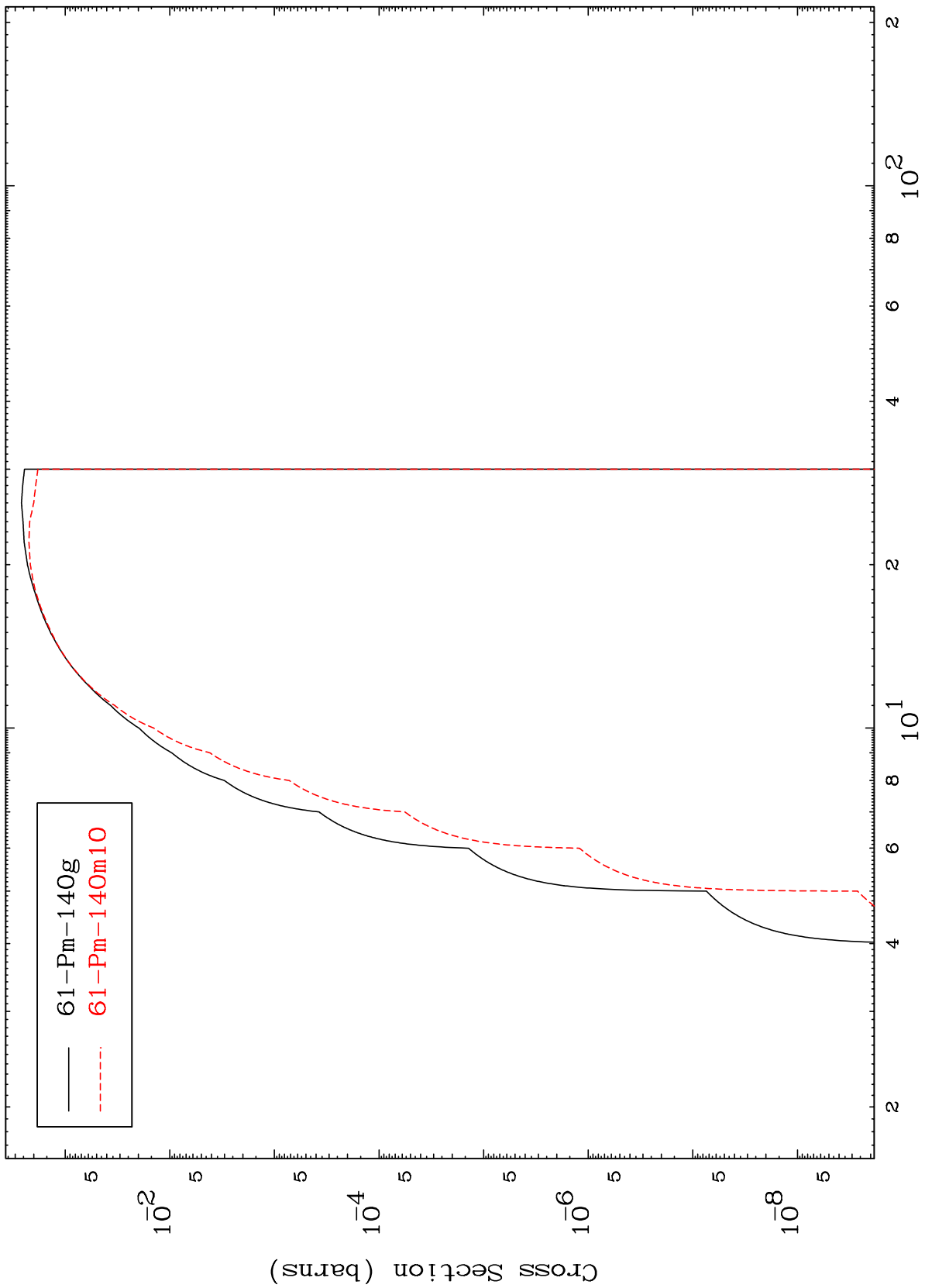
61-Pm-140



MAT 6129

61-Pm-140

(d,n') p  
Radionuclide Production Cross Section



16

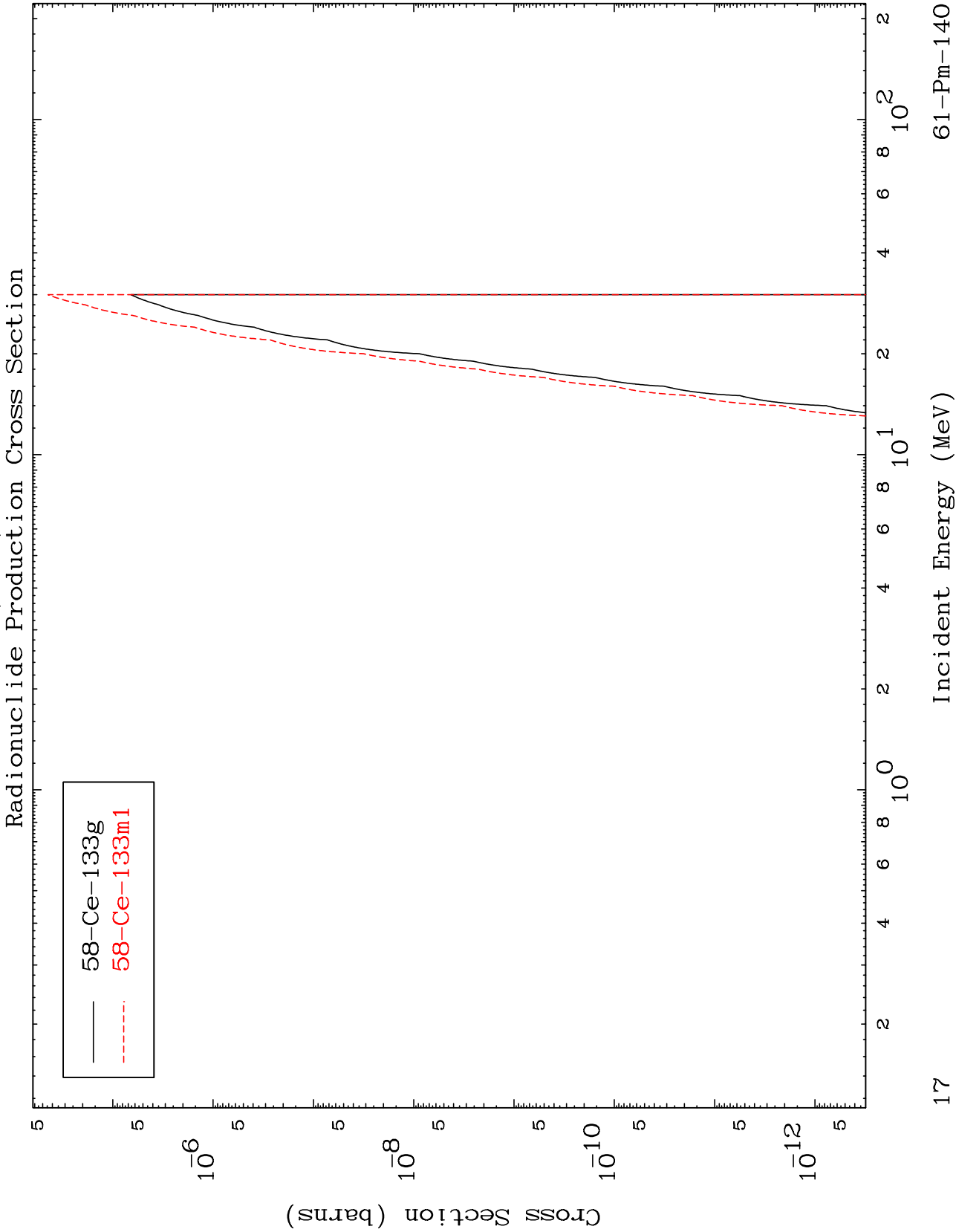
Incident Energy (MeV)

61-Pm-140

MAT 6129

(d,n') 2 $\alpha$

61-Pm-140

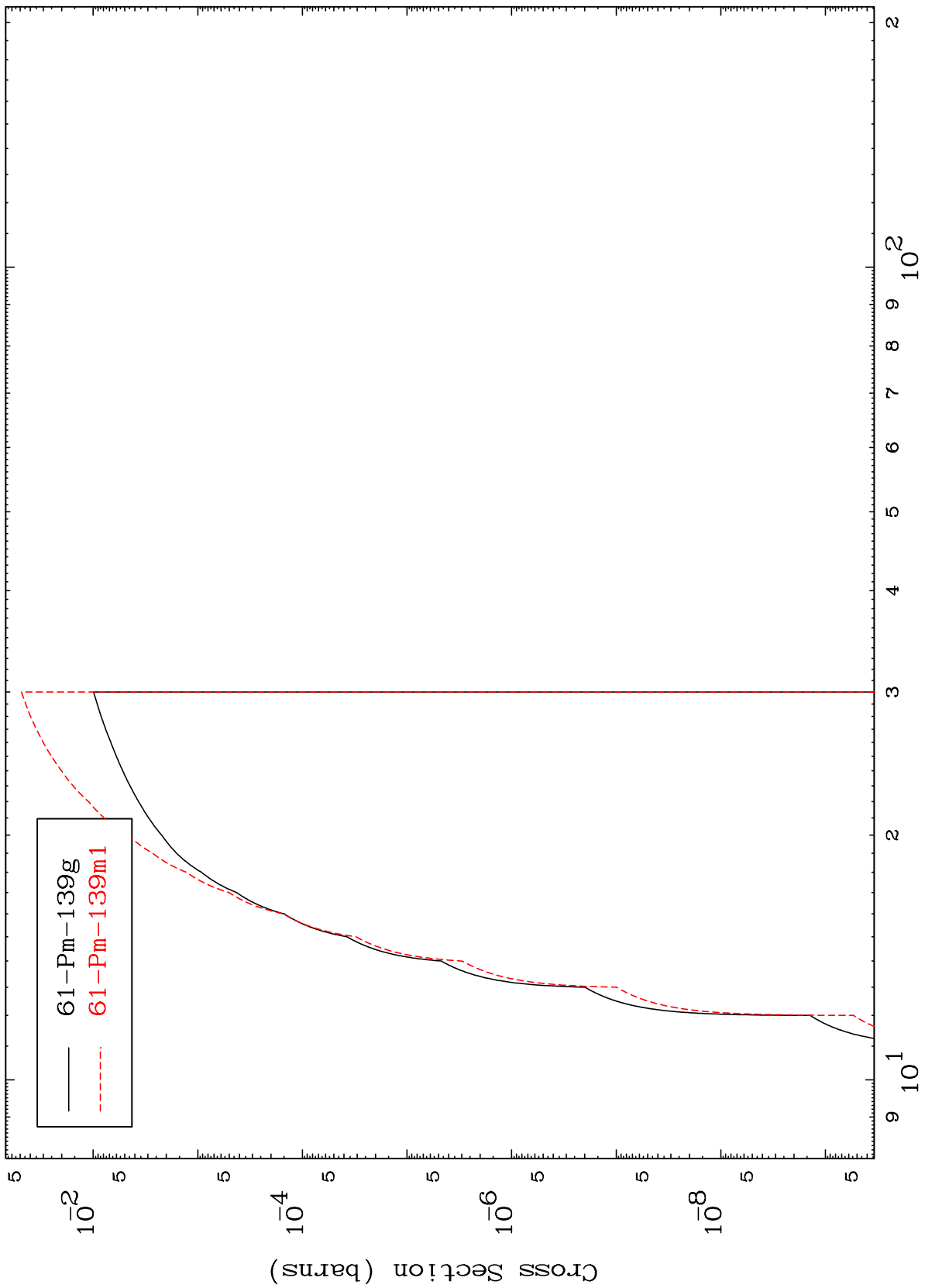


MAT 6129

(d,n') d

61-Pm-140

Radionuclide Production Cross Section

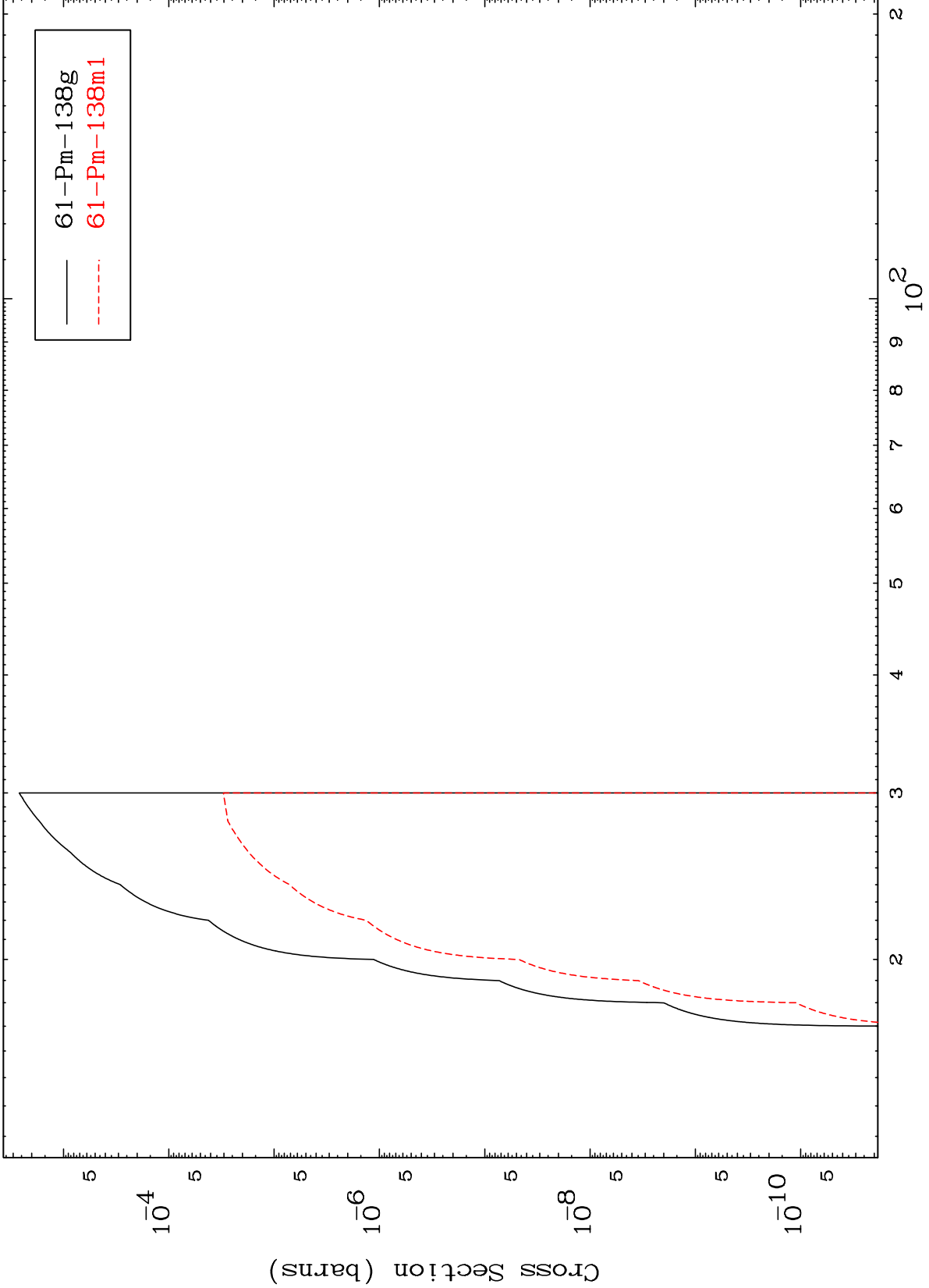


18

Incident Energy (MeV)

61-Pm-140

Radionuclide Production Cross Section



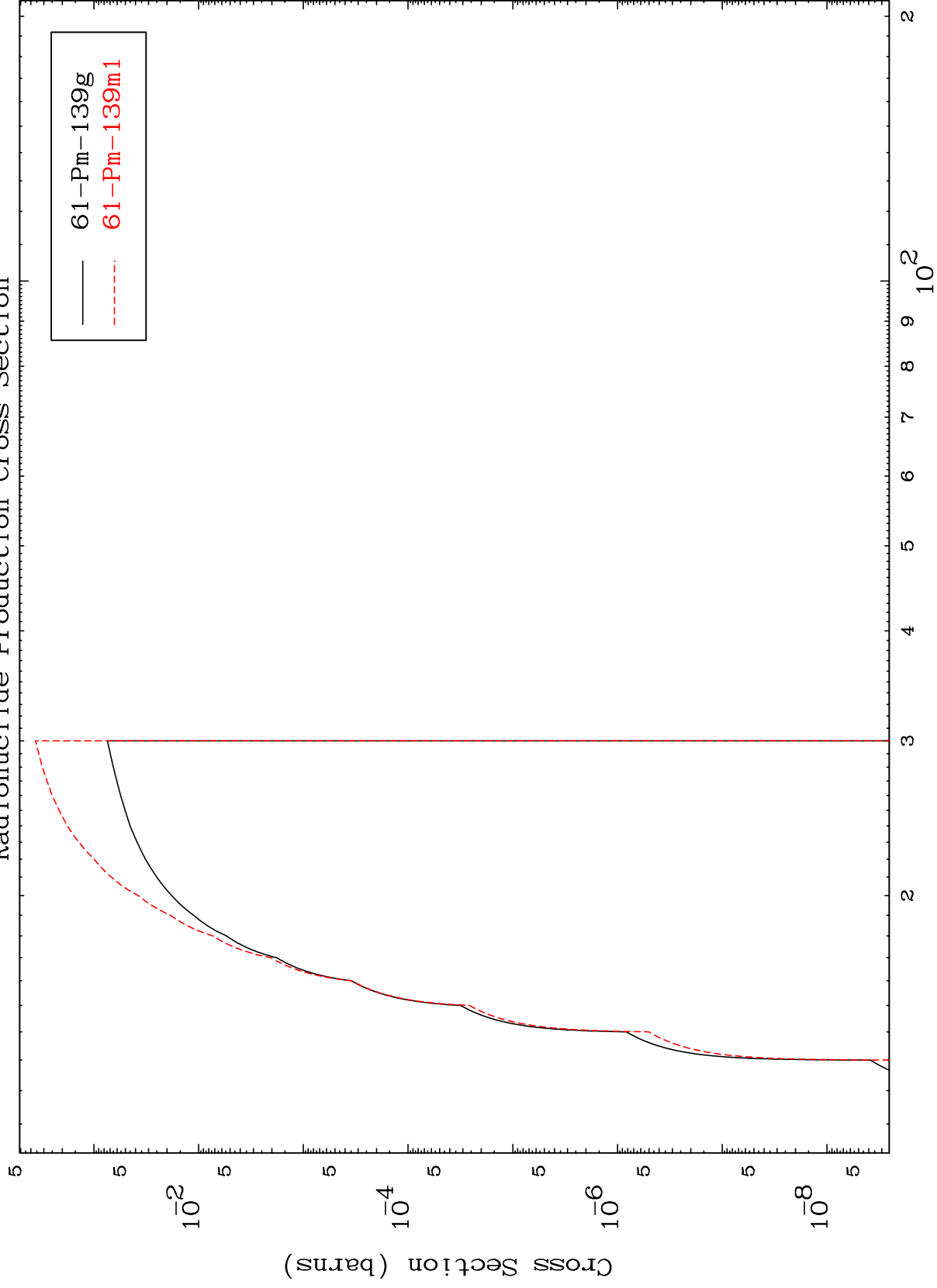
61-Pm-138g  
61-Pm-138m1

MAT 6129

(d,2n) p

61-Pm-140

Radionuclide Production Cross Section



20

Incident Energy (MeV)

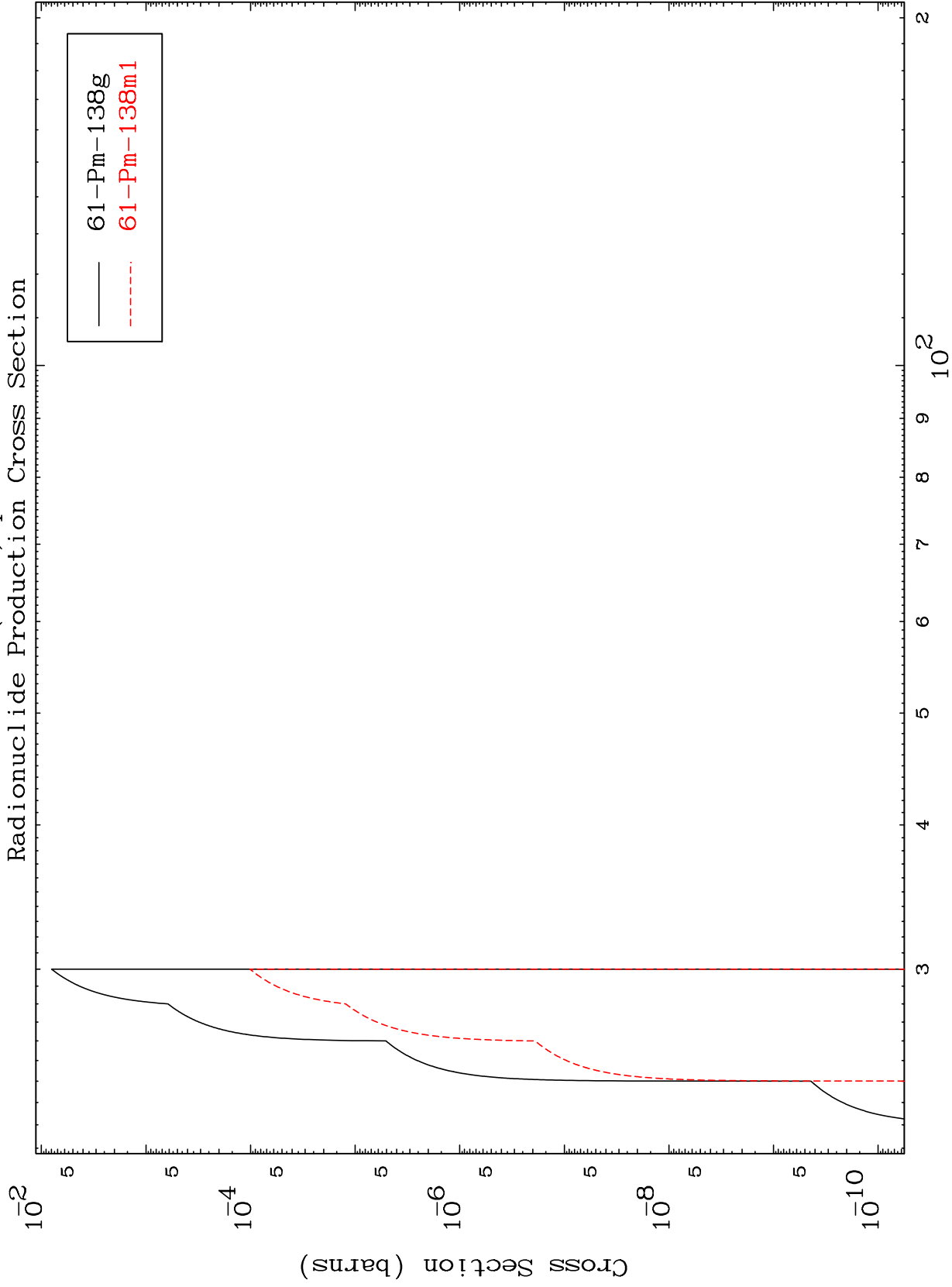
61-Pm-140

MAT 6129

(d,3n) p

61-Pm-140

Radionuclide Production Cross Section



21

Incident Energy (MeV)

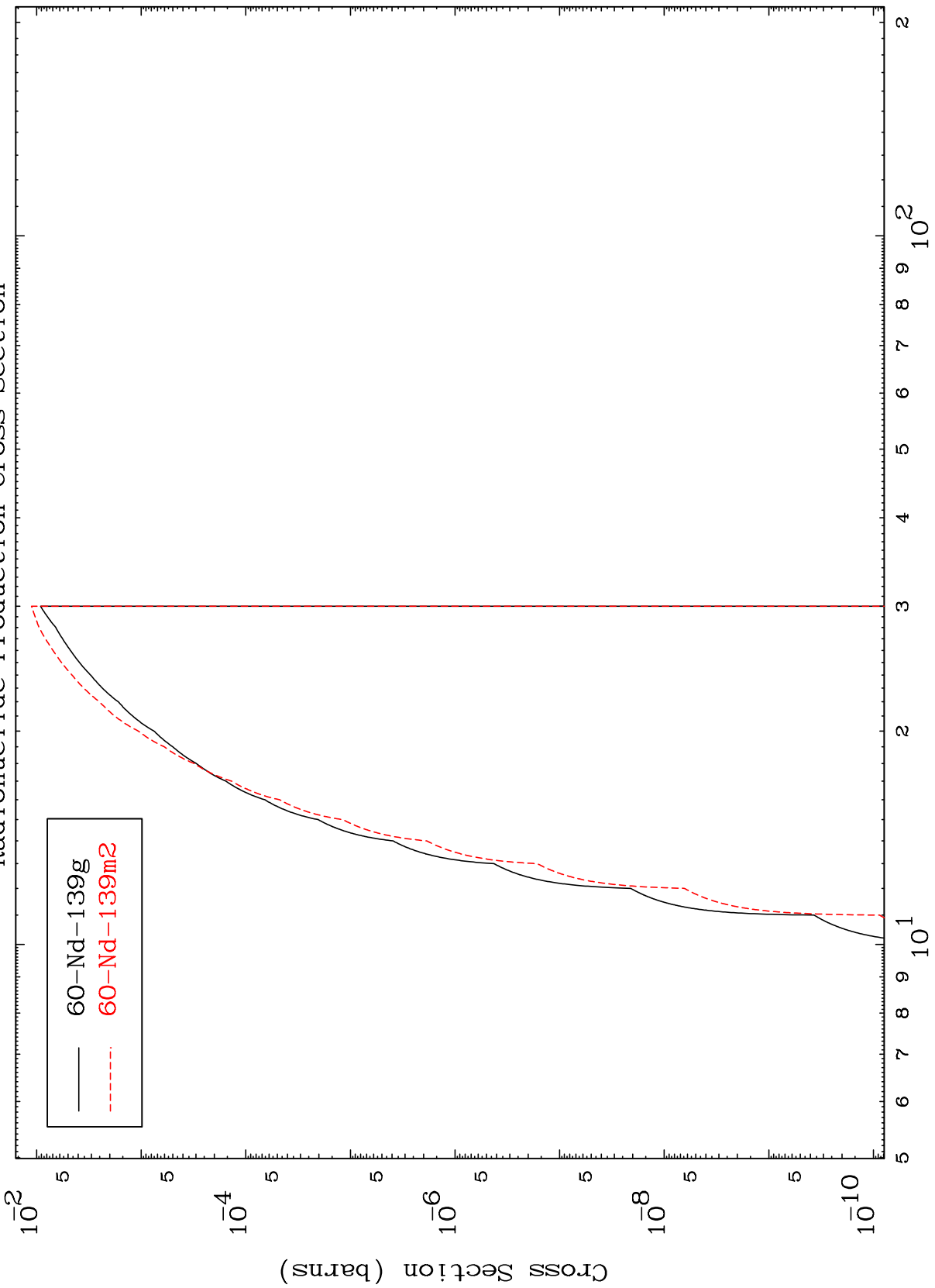
61-Pm-140

MAT 6129

(d,2n) p

61-Pm-140

Radionuclide Production Cross Section

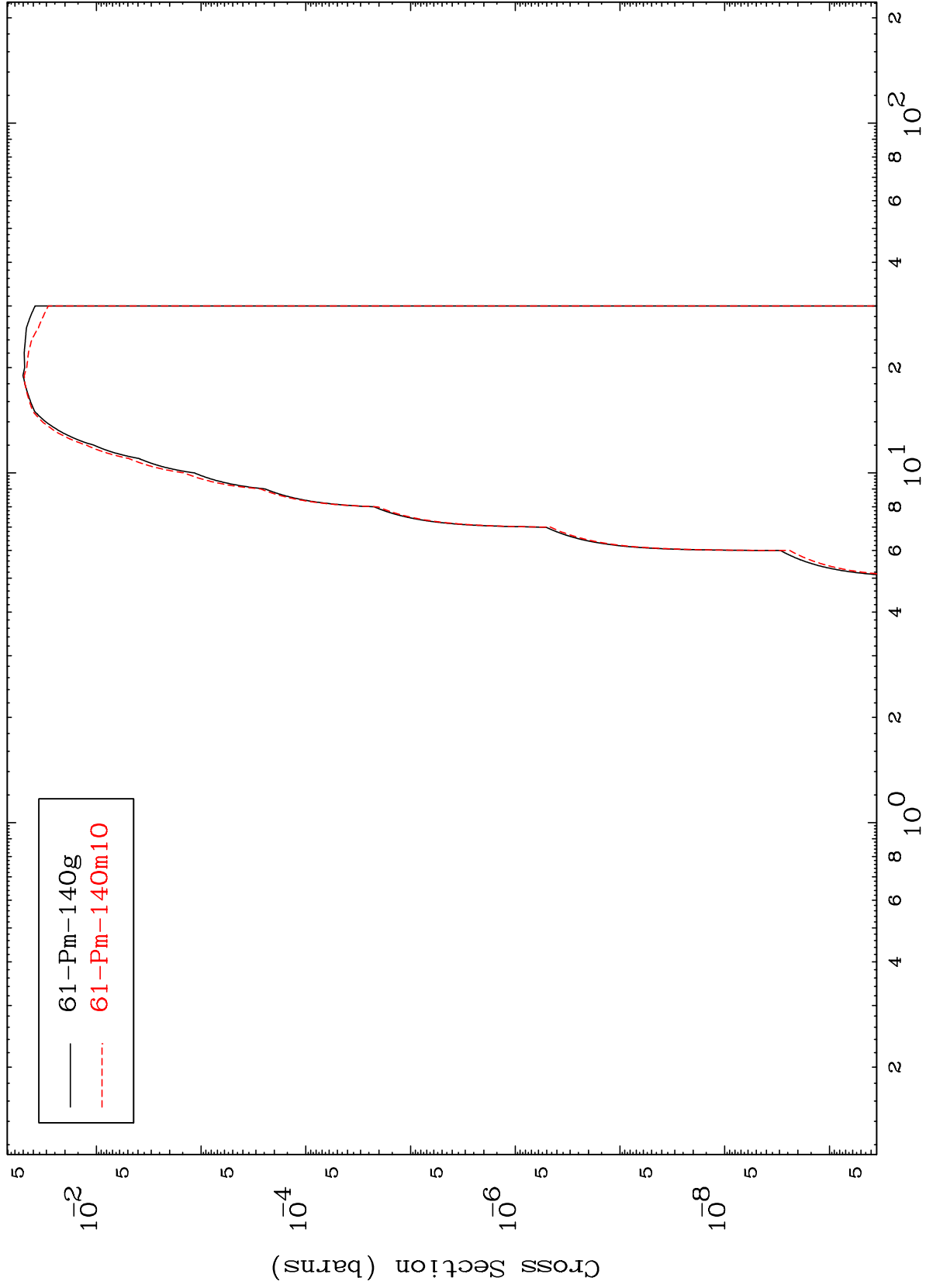


MAT 6129

(d,d)

61-Pm-140

Radionuclide Production Cross Section

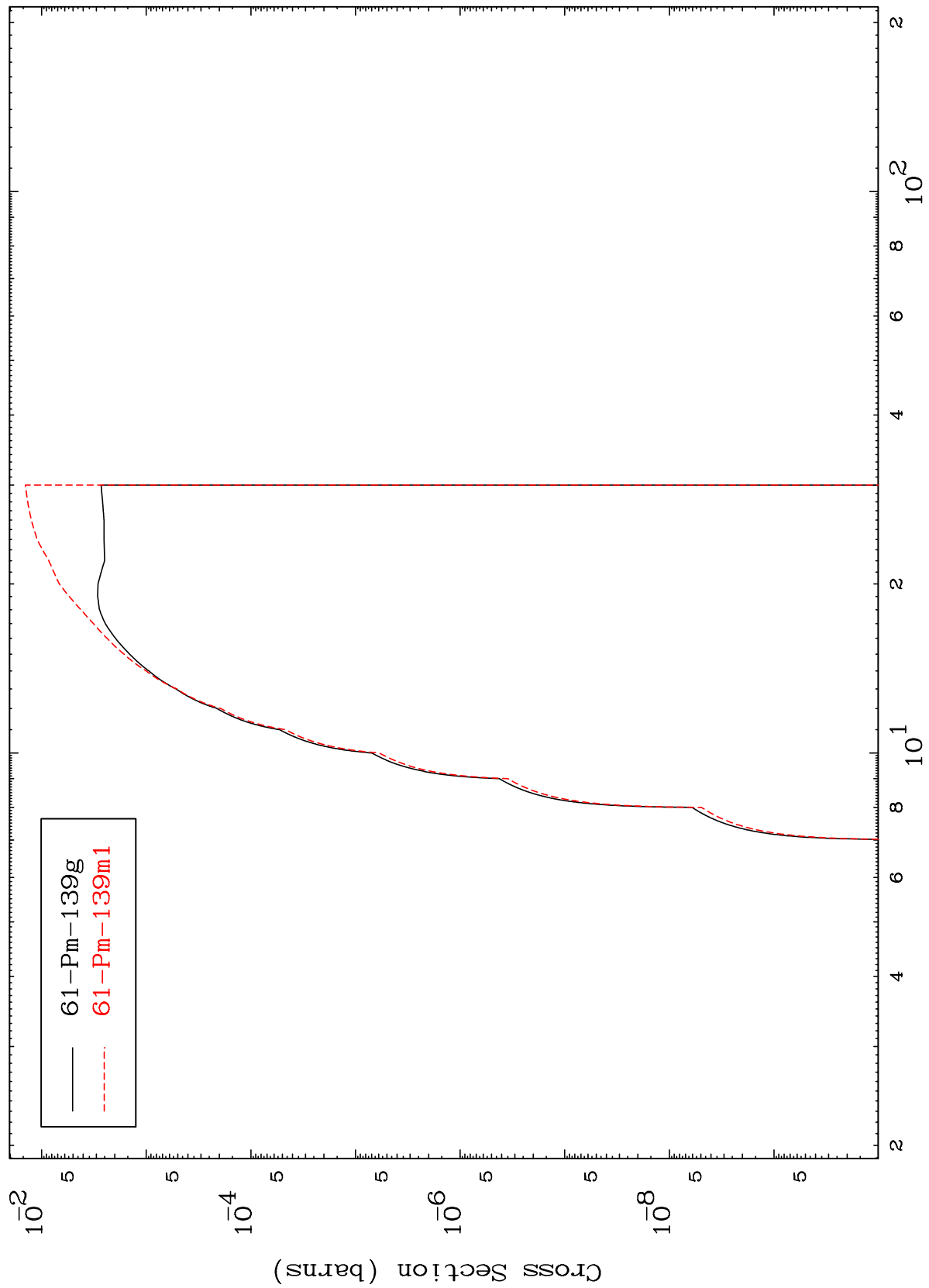




MAT 6129

61-Pm-140

(d, t)  
Radionuclide Production Cross Section



24

61-Pm-140

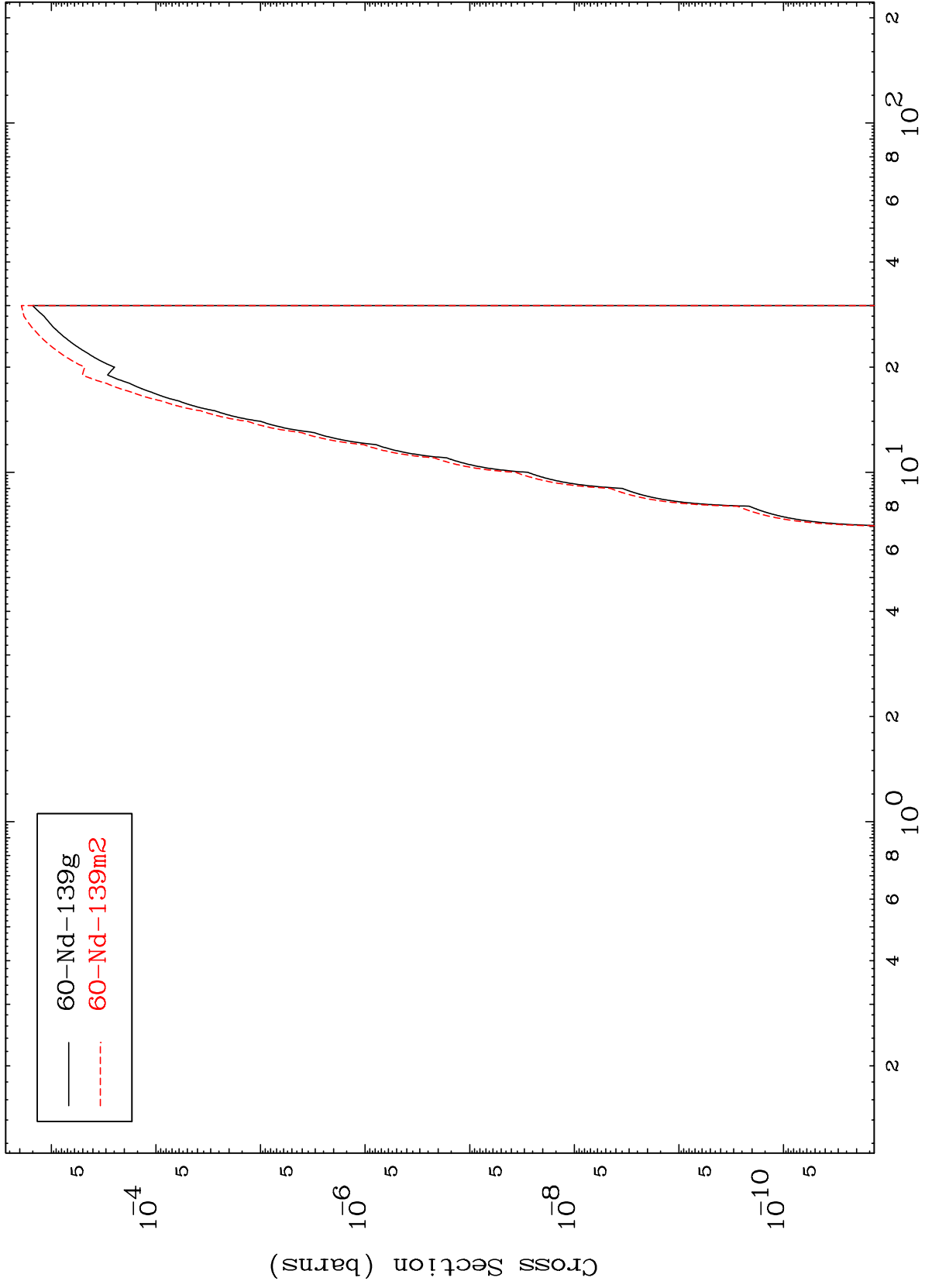
Incident Energy (MeV)

MAT 6129

(d,He-3)

61-Pm-140

Radionuclide Production Cross Section

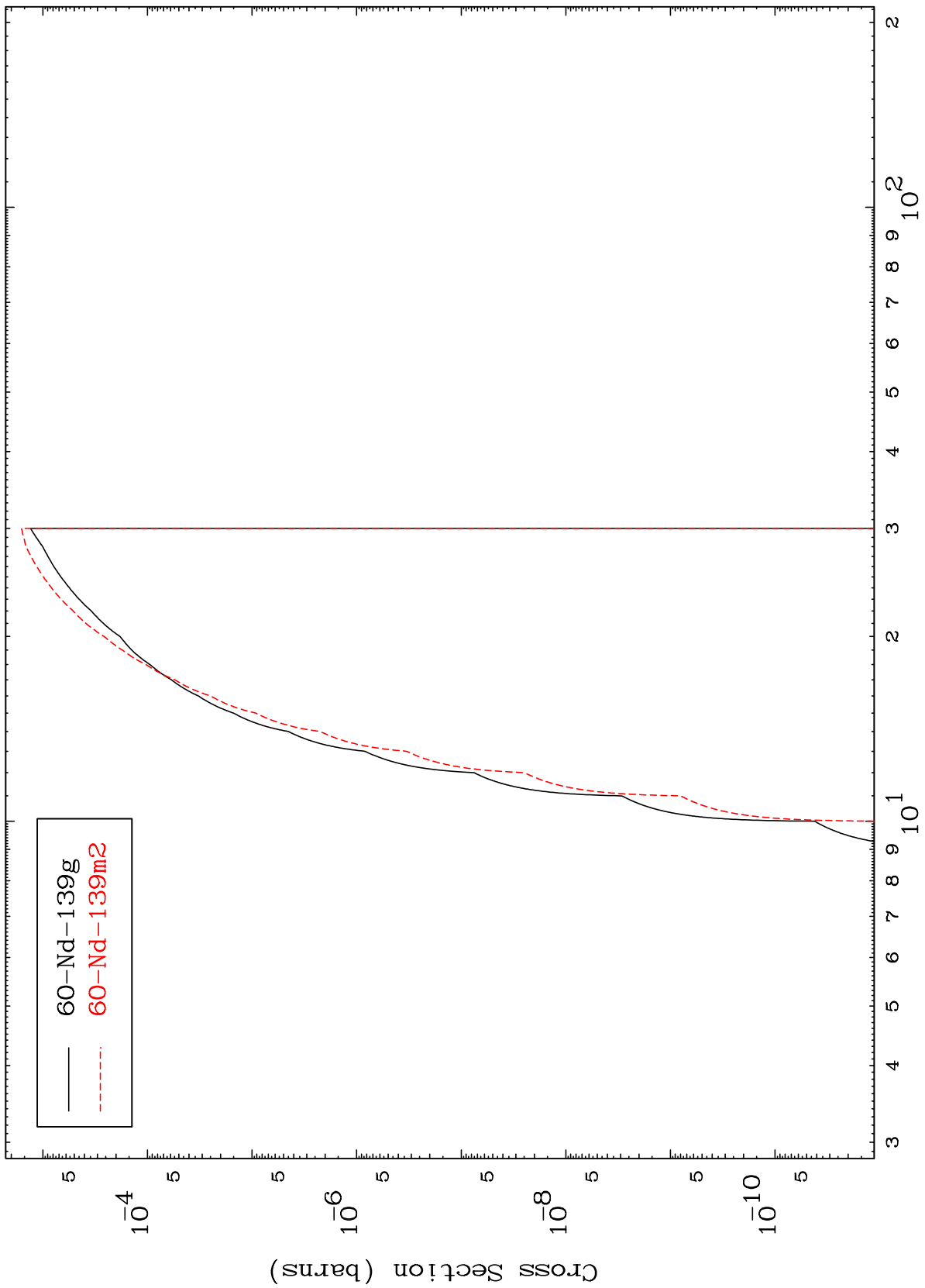


MAT 6129

(d,p) d

61-Pm-140

Radionuclide Production Cross Section



60-Nd-139g  
60-Nd-139m2

26

Incident Energy (MeV)

61-Pm-140